

Title (en)

COMMUNICATION PROCESSING METHOD, BBU, RHUB, AND SECOND PRRU

Title (de)

KOMMUNIKATIONSVERARBEITUNGSVERFAHREN, BBU, RHUB UND ZWEITE PRRU

Title (fr)

PROCÉDÉ DE TRAITEMENT DE COMMUNICATION, BBU, RHUB ET SECONDE PRRU

Publication

EP 4040914 A4 20230222 (EN)

Application

EP 20879836 A 20201023

Priority

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- CN 2020123059 W 20201023

Abstract (en)

[origin: EP4040914A1] Embodiments of this application disclose a communication processing method, applied to an indoor digital cellular system, so that a probability of frequency selective fading of a signal is reduced, and downlink transmission performance is improved. The method in embodiments of this application includes: A baseband processing unit BBU receives an uplink measurement signal sent by a first terminal device. The BBU generates an air interface measurement report based on the uplink measurement report, where the air interface measurement report includes an air interface channel quality value between the first terminal device and at least one pico remote radio unit pRRU in a cell in which the first terminal device is located. The BBU selects a target pRRU from the at least one pRRU based on the air interface measurement report, where a quantity of target pRRUs is less than a quantity of the at least one pRRU. The target pRRU is configured to send a downlink signal of the first terminal device to the first terminal device.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

- [IA] WO 2018094746 A1 20180531 - HUAWEI TECH CO LTD [CN]
- [YA] EP 3148279 A1 20170329 - HUAWEI TECH CO LTD [CN]
- [YA] EP 3397016 A1 20181031 - HUAWEI TECH CO LTD [CN]
- [A] WO 2015103772 A1 20150716 - HUAWEI TECH CO LTD [CN]
- [A] WO 2018227346 A1 20181220 - HUAWEI TECH CO LTD [CN]
- [A] EP 3531565 A1 20190828 - HUAWEI TECH CO LTD [CN]
- See references of WO 2021078224A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4040914 A1 20220810; **EP 4040914 A4 20230222**; CN 112714467 A 20210427; CN 112714467 B 20230324; US 2022248323 A1 20220804; WO 2021078224 A1 20210429

DOCDB simple family (application)

EP 20879836 A 20201023; CN 201911018505 A 20191024; CN 2020123059 W 20201023; US 202217726656 A 20220422